This listing of claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A method for mapping data from a data source to a data destination, comprising the steps:

providing a plurality of separate components, operating in series between the data source and the data destination, for performing defined functions to map the data from the source to the destination, including the steps of

      i)   using a first of the components for reading data from the data source,

      ii)   using a second of the components for receiving the data from the first of the components and for processing the read data according to a set of rules, said second component including a formatter for converting selected dates from a first format to a second format, thereby eliminating the need for writing code for formatting the selected dates, and

      iii)   using a third of the components for receiving the data from the second of the components and for loading the processed data into the data destination;

wherein each of the components operates independently of the other of the components and each of the components can be modified, adjusted and replaced independently of the others of the components to facilitate mapping data from a plurality of different data sources, having data in different formats, into the data destination; and

wherein the plurality of components perform the further functions of (iv) verifying the integrity of the read data, and (v) logging results into a file, and a respective one of the components performs each of the functions (i) – (v);

wherein the data destination is a database, and said step of providing a plurality of separate components includes the further step of using said plurality of components:

for mapping fixed length fields in the data source to the database;

for determining the start position, the length, what database column the fields map to, which database tables the fields map to, whether the fields can be updated or not, what kinds of formatting to be applied on the fields;

for calling a formatter to reformat data from the data source;

for managing transactions by starting a transaction when a first record is read, and committing the transaction when a defined record, as defined in a record parameter, is encountered; and

wherein said method comprises the further step of a system administrator updating the components during the use of the components;

wherein the first component operates in series between the data source and the second component;

the third component operates in series between the second component and the data destination; and

the second component verifies the integrity of the read data by checking for counts and data consistencies; and

wherein the framework includes a first file for reading currencies, a second file for formatting data fields, and a third field to define an event handler.

Claims 2 and 3 (Cancelled).

4. (Original) A method according to Claim 1, wherein the data source is a flat file, and the data destination is a database.

5. (Currently Amended) A method according to Claim [[2]] 1, wherein the plurality of components perform the further step of sending the results, by electronic mail, to a configured list of email addresses.

6. (Original) A method according to Claim 1, wherein the step of processing the read data includes the step of formatting the read data for placement in the data destination.

7. (Currently Amended) A computer system for mapping data from a data source to a data destination, comprising:

a computer server; and wherein

a plurality of separate components operate on the server, said components operating in series between the data source and the data destination, for performing defined functions to map the data from the source to the destination, said plurality of components including (i) a first component for reading data from the data source, (ii) a second component for receiving the data from the first component and for processing the read data according to a set of rules, said second component including a formatter for converting selected dates from a first format to a second format, thereby eliminating the need for writing code for formatting the selected dates, and (iii) a

third component for receiving the data from the first component and for loading the processed data into the data destination;

wherein each of the components operates independently of the other of the components and each of the components can be modified, adjusted and replaced independently of the others of the components to facilitate mapping data from a plurality of different data sources, having data in different formats, into the data destination;

wherein the plurality of components perform the further functions of (iv) verifying the integrity of the read data, and (v) logging results into a file, and a respective one of the components performs each of the functions (i) –(v);

.   wherein the data destination is a database, and said plurality of separate components perform the further functions of:

mapping fixed length fields in the data source to the database;

determining the start position, the length, what database column the fields map to, which database tables the fields map to, whether the fields can be updated or not, what kinds of formatting to be applied on the fields;

calling a formatter to reformat data from the data source; and

managing transactions by starting a transaction when a first record is read, and committing the transaction when a defined record, as defined in a record parameter, is encountered;

wherein the first component operates in series between the data source and the second component;

the third component operates in series between the second component and the data destination; and

the second component verifies the integrity of the read data by checking for counts and data consistencies; and

wherein the framework includes a first file for reading currencies, a second file for formatting data fields, and a third field to define an event handler.

Claims 8 and 9 (Cancelled).

10. (Currently Amended) A computer system according to Claim 7, wherein the data source is a flat file, and the data destination is a database.

11. (Currently Amended) A computer system according to Claim [[8]] 7, wherein the plurality of components perform the further function of sending the results, by electronic mail, to a configured list of email addresses.

12. (Currently Amended) A computer system according to Claim 7, wherein the function of processing the read data includes the function of formatting the read data for placement in the data destination.

13. (Currently Amended) A program storage device readable by ~~machine~~ a computer, tangibly embodying a program of instructions executable by the ~~machine~~ computer to perform method steps for mapping data from a data source to a data destination, said method steps comprising:

establishing a plurality of separate components, operating in series between the data source and the data destination, for performing defined functions to map the data from the source to the destination, including the steps of

    i)   using a first of the components for reading data from the data source,

    ii)   using a second of the components for receiving the data from the first of the components and for processing the read data according to a set of rules, said second component including a formatter for converting selected dates from a first format to a second format, thereby eliminating the need for writing code for formatting the selected dates, and

    iii)   loading the processed data into the destination;

wherein each of the components operates independently of the other of the components and each of the components can be modified, adjusted and replaced independently of the others of the components to facilitate mapping data from a plurality of different data sources, having data in different formats, into the data destination; and

wherein the plurality of components perform the further functions of (iv) verifying the integrity of the read data, and (v) logging results into a file, and a respective one of the components performs each of the functions (i) – (v);

wherein the data destination is a database, and said step of providing a plurality of separate components includes the further step of using said plurality of components:

for mapping fixed length fields in the data source to the database;

for determining the start position, the length, what database column the fields map to, which database tables the fields map to, whether the fields can be updated or not, what kinds of formatting to be applied on the fields;

for calling a formatter to reformat data from the data source;

for managing transactions by starting a transaction when a first record is read, and committing the transaction when a defined record, as defined in a record parameter, is encountered; and

wherein said method comprises the further step of a system administrator updating the components during the use of the components;

wherein the first component operates in series between the data source and the second component;

the third component operates in series between the second component and the data destination; and

the second component verifies the integrity of the read data by checking for counts and data consistencies; and

wherein the framework includes a first file for reading currencies, a second file for formatting data fields, and a third field to define an event handler.

Claims 14 and 15 (Cancelled).

16. (Original) A program storage device according to Claim 13, wherein the data source is a flat file, and the data destination is a database.

17. (Currently Amended) A program storage device according to Claim [[14]] 13, wherein the plurality of components perform the further step of sending the results, by electronic mail, to a configured list of email addresses.

18. (Original) A program storage device according to Claim 13, wherein the step of processing the read data includes the step of formatting the read data for placement in the data destination.

Claims 19 and 20 (Cancelled).